



Operator:
lantha Resources, LLC
Garnett, KS

Poss #6I
Anderson Co., KS
11-20S-20E
API: 003-26499

Spud Date:	12/18/2015	Surface Bit:	11.0"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	42.8'	Longstring:	719.7'
Surface Cement:	10 sx	Longstring Date:	12/22/2015
Longstring:	2 7/8 EUE New LS		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	30	Clay & Gravel	
30	79	Shale	
79	106	Lime	
106	109	Shale	
109	112	Lime	
112	176	Shale	
176	187	Lime	
187	195	Shale	
195	232	Lime	
232	240	Shale	
240	260	Lime	
260	265	Shale	
265	279	Lime	
279	308	Shale	
308	317	Sandy shale	
317	320	Sand	Good odor, slight bleed to pit
320	409	Shale	
409	411	Lime	
411	419	Sand	Good odor, hard, rainbow to pit
419	435	Sandy shale	
435	448	Shale	
448	458	Lime	
458	461	Shale	

Poss #6i
Anderson Co., KS

461	473	Lime	
473	478	Shale	
478	462	Lime	
462	495	Shale	
495	497	Coal	
497	503	Sand	
503	516	Shale	
516	518	Coal	
518	520	Shale	
520	522	Lime	
522	541	Shale	
541	545	Lime	
545	567	Shale	
567	580	Lime	
580	596	Shale	
596	600	Lime	
600	657	Shale	
657	680	Sand	See below
680	730	Shale	
730		TD	

Coring		
Run	Footage	Rec.
1		
2		

Sand Detail

657-664	Sand, soft, good odor, good bleed to pit
664-666	Laminated, mostly shale, slight odor
666-670	Sandy shale, slight odor
670-674	Sand, faint odor
674-676	Fair odor, slight bleed in samples
676-678	Laminated shale, no odor